REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
(ER 1130-2-306)

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DATE May 26, 2006

TO: The Record

FROM: U.S. Army Corps of Engineers
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RIVER/HARBOR NAME AND STATE:
Bay Ridge and Red Hook Channels, New York

MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL Bay Ridge and Red Hook	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
Reach A: Bay Ridge Channel (channel mile points 0 – 1) Begins at Anchorage Channel; Ends at Bay Ridge Ave (approx. 1,200 ft. south of Green #5).	Map 131 Pg 1 of 4 Dec 2005 thru April 2006	1,200	0.87	40	41.7	41.2	41.1	35.2
Reach B: Bay Ridge Channel (channel mile points 1 – 3) Begins at Bay Ridge Ave (approx. 1,200 ft. south of Green #5); Ends at Red Hook Channel (Green #9).	Map 131 Pgs 2-3 of 4 Dec 2005 thru April 2006	1,200–1,750	1.74	40	21.6	29.0	33.1	26.1
Reach C: Bay Ridge Channel (Gowanus Bay Section) Begins at the junction of Bay Ridge Channel and Red Hook Channel; Ends at Gowanus Creek in line of 28th St.	Map 131 Pg 3 of 4 Dec 2005 thru April 2006	1,600-480	0.33	40	25.6	28.4	28.0	26.2
Reach D: Red Hook Channel (channel mile points 3 – 4) Begins at Bay Ridge Channel (Green #9); Ends at Buttermilk Channel (2,235 ft. north of Green #11).	Map 131 Pgs 3-4 of 4 29 Nov & 2 Dec 2005 thru April 2006	1,200	0.87	40	24.7	34.1	38.5	28.1

REMARKS:

- All depths in MLW
- Channel length is in nautical miles.
- **Reach A:** There is approximately 100 Ft. wide continuous shoaling on the east edge of the right outside quarter of the channel.
- **Reach B:** Shoaling exists across the entire width of the channel in the majority of Reach B.
- **Reach C:** Shoaling exists in virtually all of Reach C.
- **Reach D:** There is continuous massive shoaling in the entire left outside quarter of the channel, as well as in the right half of the right outside quarter of the channel. Smaller shoals exist across the entire channel width.